



4. The display apparatus of Claim 3 wherein said display control circuit, responsive to said default position of said front cover, activates said front display portion of said first display component of said front cover, to enable viewing functionality of said front display portion of said first display component.

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5. The display apparatus of Claim 3 wherein said display control circuit, responsive to said open position of said front cover, activates said rear display portion of said first display component of said front cover and said front display portion of said second display component of said palmtop computer, to enable viewing functionality of said rear display portion of said first display component and said front display portion of said second display component.

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6. A two-sided display apparatus for providing multi-sided viewing for a portable computer system, said apparatus comprising:

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a) a front cover mechanically and electrically coupled to said palmtop computer system, said front cover comprising a hinge for providing opening and closing functionality to said front cover, wherein said closed front cover is a default position;

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b) a first display component coupled to said front cover, said first display component comprising a front display panel and a rear display panel;

c) a, at least, second display component coupled to said palmtop computer system, said second display component comprising a front display panel and a rear display panel; and

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d) a display control circuit coupled to said palmtop computer system, adapted to activate said first display component and said second display

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12. The display apparatus of Claim 8 wherein said sealed chamber further comprises a fluid, said fluid comprising a first colored liquid and a, at least, second colored liquid.

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13. The display apparatus of Claim 8 wherein said sealed chamber is predominately filled with said first colored liquid.

14. The display apparatus of Claim 12 wherein said first colored liquid is white ink.

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15. The display apparatus of Claim 12 wherein said second colored liquid is black ink.

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16. The display apparatus of Claim 15 wherein said black ink is transparently encapsulated.

17. The display apparatus of Claim 16 wherein said transparently encapsulated black ink is electrostatically charged.

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18. The display apparatus of Claim 17 wherein said transparently encapsulated black ink is attracted to said voltage provided by said display control circuit, said voltage is a more positive voltage.

19. A portable electronic device comprising:  
a housing supporting a first display component;  
a flippable cover hinged to said housing and having an open state and a  
closed state, said flippable cover comprising a second display component having  
5 a front display panel and a back display panel; wherein  
said front display panel is active to display first images provided said  
flippable cover is in said closed state; and wherein further  
upon said flippable cover opening to said open state, said front display  
panel becomes deactivated, said back display panel becomes activated and  
10 displays said first images and said first display component becomes activated for  
the display of second images.

20. A portable electronic device as described in Claim 19 wherein said  
first and said second display components are flat panel display screens.

21. A portable electronic device as described in Claim 19 wherein said  
flat panel display screens comprise electronic ink technology.

22. A portable electronic device comprising:  
a housing supporting a first display component;  
a first flippable cover hinged to said housing and having an open state and  
a closed state, said first flippable cover comprising a second display component  
having a front display panel and a back display panel;  
a second flippable cover hinged to said housing opposite to said first  
25 flippable cover and having an open state and a closed state, said second

flippable cover comprising a third display component having a front display panel and a back display panel; wherein

said front display panel of said second cover is active to display first images provided said first and second covers are closed; and wherein further,

5 upon said second cover opening, said front display panel of said second cover becomes deactivated, said back display panel of said second cover becomes activated and displays said first images and said first display panel of said first cover becomes activated for the display of second images; and wherein further,

10 upon said first cover opening while said second cover is open, said front display panel of said first cover becomes deactivated, said back display panel of said first cover becomes activated and displays said second images and said first display component becomes activated for the display of third images.

15 23. A portable electronic device as described in Claim 22 wherein said first and said second display components are flat panel display screens.

24. A portable electronic device as described in Claim 22 wherein said flat panel display screens comprise electronic ink technology.

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25. In a portable computer system configured with a flexible cover mounted display having a first and second side and a display screen integral with said portable computer system, a method for utilizing coupled multiple display capabilities, said method comprising:

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